



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3993

<b>SERIAL NUMBER</b> 10/502,461	<b>FILING OR 371(c) DATE</b> 01/06/2005 <b>RULE</b>	<b>CLASS</b> 333	<b>GROUP ART UNIT</b> 2817	<b>ATTORNEY DOCKET NO.</b> CIT.PAU.34 US
------------------------------------	---	---------------------	-------------------------------	---

**APPLICANTS**

Y. T. L Yang, Sunnyvale, CA;  
 Darrell A. Harrington, Pasadena, CA;  
 Jean Casey, San Diego, CA;  
 Jessica L. Arlett, Altadena, CA;  
 H. X. Tang, Pasadena, CA;  
 X. M. H. Huang, New York, NY;  
 Kamil L. Ekinici, Brookline, MA;  
 Michael L. Roukes, Pasadena, CA;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a 371 of PCT/US03/14566 05/07/2003  
 which claims benefit of 60/379,536 05/07/2002  
 and claims benefit of 60/379,542 05/07/2002  
 and claims benefit of 60/379,544 05/07/2002  
 and claims benefit of 60/379,535 05/07/2002  
 and claims benefit of 60/379,546 05/07/2002  
 and claims benefit of 60/379,644 05/07/2002  
 and claims benefit of 60/379,713 05/07/2002  
 and claims benefit of 60/379,709 05/07/2002  
 and claims benefit of 60/379,685 05/07/2002  
 and claims benefit of 60/379,550 05/07/2002  
 and claims benefit of 60/379,551 05/07/2002  
 and claims benefit of 60/419,617 10/17/2002

**\*\* FOREIGN APPLICATIONS \*\*\*\*\*****\*\* SMALL ENTITY \*\***

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 60	<b>TOTAL CLAIMS</b> 83	<b>INDEPENDENT CLAIMS</b> 25
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

**ADDRESS**

22428

**TITLE**

Apparatus and method for vacuum-based nanomechanical energy force and mass sensors

☐ All Fees☐ 1.16 Fees ( Filing )

**FILING FEE  
RECEIVED**  
1963

FEES: Authority has been given in Paper  
No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
No. \_\_\_\_\_ for following:

☐ 1.17 Fees ( Processing Ext. of  
time )

☐ 1.18 Fees ( Issue )

☐ Other \_\_\_\_\_

☐ Credit